GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: June 9, 2003, 12:39:27 ; Search time 12.1277 Seconds
(without alignments)
222.724 Million cell updates/sec

Title: US-09-785-058-4
Perfect score: 54
Sequence: 1 RVVRVVRRVVRR 12

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1046584 seqs, 225093350 residues

Total number of hits satisfying chosen parameters: 1046584

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending_Patents_AA_New:*
1: /cgn2_6/ptodata/1/paa/PCT_NEW_COMB.pep:*
2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*
3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep:*
4: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*
5: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*
6: /cgn2_6/ptodata/1/paa/US10_NEW_COMB.pep:*
7: /cgn2_6/ptodata/1/paa/US60_NEW_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	41	75.9	745	7	US-60-426-500-8	Sequence 8, Appli
2	40	74.1	409	6	US-10-425-114-72224	Sequence 72224, A
3	39	72.2	415	6	US-10-366-683-31348	Sequence 31348, A
4	39	72.2	415	6	US-10-419-128-31348	Sequence 31348, A
5	38	70.4	1239	6	US-10-366-683-30198	Sequence 30198, A
6	38	70.4	1239	6	US-10-419-128-30198	Sequence 30198, A
7	37	68.5	62	6	US-10-431-652-8235	Sequence 8235, Ap
8	37	68.5	150	5	US-09-675-784A-8983	Sequence 8983, Ap
9	37	68.5	151	6	US-10-425-114-38341	Sequence 38341, A
10	37	68.5	320	6	US-10-216-209-16	Sequence 16, Appl
11	37	68.5	324	6	US-10-366-683-28729	Sequence 28729, A
12	37	68.5	324	6	US-10-419-128-28729	Sequence 28729, A
13	37	68.5	386	6	US-10-369-493-8361	Sequence 8361, Ap
14	37	68.5	451	6	US-10-282-122A-61729	Sequence 61729, A
15	36	66.7	103	6	US-10-156-761-8977	Sequence 8977, Ap
16	36	66.7	180	6	US-10-425-114-53608	Sequence 53608, A
17	36	66.7	320	6	US-10-425-114-47858	Sequence 47858, A
18	36	66.7	328	6	US-10-425-114-39033	Sequence 39033, A
19	36	66.7	364	6	US-10-369-493-6717	Sequence 6717, Ap
20	36	66.7	720	6	US-10-282-122A-47999	Sequence 47999, A
21	36	66.7	759	7	US-60-426-500-4	Sequence 4, Appli
22	36	66.7	784	6	US-10-156-761-14757	Sequence 14757, A
23	35	64.8	191	6	US-10-424-599-185802	Sequence 185802,
24	35	64.8	338	6	US-10-369-493-12574	Sequence 12574, A
25	35	64.8	416	6	US-10-366-683-28499	Sequence 28499, A
26	35	64.8	416	6	US-10-419-128-28499	Sequence 28499, A
27	35	64.8	477	1	PCT-US03-07858-1563	Sequence 1563, Ap
28	35	64.8	477	6	US-10-389-566-1563	Sequence 1563, Ap
29	35	64.8	532	6	US-10-369-493-7218	Sequence 7218, Ap
30	35	64.8	538	6	US-10-369-493-4458	Sequence 4458, Ap
31	35	64.8	854	6	US-10-369-294-17	Sequence 17, Appl
32	35	64.8	1121	7	US-60-453-135-14060	Sequence 14060, A
33	35	64.8	1121	7	US-60-453-050-14060	Sequence 14060, A
34	35	64.8	1121	7	US-60-455-444-7513	Sequence 7513, Ap
35	35	64.8	1121	7	US-60-465-241-7513	Sequence 7513, Ap
36	35	64.8	1121	7	US-60-466-412-14060	Sequence 14060, A
37	35	64.8	1125	5	US-09-949-016-10089	Sequence 10089, A
38	34	63.0	66	1	PCT-US02-32727-10673	Sequence 10673, A
39	34	63.0	66	5	US-09-978-825-10673	Sequence 10673, A
40	34	63.0	66	6	US-10-057-498-10673	Sequence 10673, A
41	34	63.0	81	6	US-10-424-599-277035	Sequence 277035,
42	34	63.0	82	1	PCT-US02-32727-3309	Sequence 3309, Ap
43	34	63.0	82	5	US-09-978-825-3309	Sequence 3309, Ap
44	34	63.0	82	6	US-10-057-498-3309	Sequence 3309, Ap
45	34	63.0	133	6	US-10-424-599-146257	Sequence 146257,

ALIGNMENTS

RESULT 1
US-60-426-500-8
; Sequence 8, Application US/60426500
; GENERAL INFORMATION:
; APPLICANT: VANCOTT, Thomas C
; APPLICANT: HARRIS, Matthew E.
; APPLICANT: Henry M. Jackson Foundation
; TITLE OF INVENTION: RECOMBINANT HIV-1 SUBCLASS D ENVELOPE GLYCOPROTEINS
; FILE REFERENCE: 44508-5010-PR
; CURRENT APPLICATION NUMBER: US/60/426,500
; CURRENT FILING DATE: 2002-11-15
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus type 1
US-60-426-500-8

Query Match 75.9%; Score 41; DB 7; Length 745;
Best Local Similarity 50.0%; Pred. No. 2.2e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

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Qy          1 RVVRVVRRVVRR 12
              |:: :|:|:||| 
Db        724 RIIEIVQRIVRR 735
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RESULT 2
US-10-425-114-72224
; Sequence 72224, Application US/10425114
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 72224
; LENGTH: 409
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:

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;   OTHER INFORMATION: Clone ID: 700048983_FLI.pep
US-10-425-114-72224

  Query Match             74.1%;  Score 40;  DB 6;  Length 409;
  Best Local Similarity   75.0%;  Pred. No. 1.7e+02;
  Matches    9;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 RVVRVVRRVVRR 12
              |||||:| :||
Db         93 RVVRVVQRRLRR 104


RESULT 3
US-10-366-683-31348
; Sequence 31348, Application US/10366683
; GENERAL INFORMATION:
;  APPLICANT: Rubenfield, Marc J.
;  APPLICANT:  Nolling, Jork
;  APPLICANT:  Deloughery, Craig
;  APPLICANT:  Bush, David
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
;  TITLE OF INVENTION:  AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: PATH03-04
;  CURRENT APPLICATION NUMBER: US/10/366,683
;  CURRENT FILING DATE:  2003-02-13
;  PRIOR APPLICATION NUMBER: 09/252,991
;  PRIOR FILING DATE: 1999-02-18
;  NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 31348
;   LENGTH: 415
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-10-366-683-31348

  Query Match             72.2%;  Score 39;  DB 6;  Length 415;
  Best Local Similarity   81.8%;  Pred. No. 2.5e+02;
  Matches    9;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 RVVRVVRRVVR 11
              || |||||:||
Db        398 RVGRVVRRLVR 408


RESULT 4
US-10-419-128-31348
; Sequence 31348, Application US/10419128
; GENERAL INFORMATION:
;  APPLICANT: Marc J. Rubenfield et al.
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
;  TITLE OF INVENTION:  AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: 107196.136
;  CURRENT APPLICATION NUMBER: US/10/419,128
;  CURRENT FILING DATE:  2003-04-21
;  PRIOR APPLICATION NUMBER: US/09/252,991
;  PRIOR FILING DATE: 1999-02-18
;  PRIOR APPLICATION NUMBER: US 60/074,788
;  PRIOR FILING DATE: 1998-02-18
;  PRIOR APPLICATION NUMBER: US 60/094,190
;  PRIOR FILING DATE: 1998-07-27
;  NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 31348
;   LENGTH: 415
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-10-419-128-31348

  Query Match             72.2%;  Score 39;  DB 6;  Length 415;
  Best Local Similarity   81.8%;  Pred. No. 2.5e+02;
  Matches    9;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 RVVRVVRRVVR 11
              || |||||:||
Db        398 RVGRVVRRLVR 408


RESULT 5
US-10-366-683-30198
; Sequence 30198, Application US/10366683
; GENERAL INFORMATION:
;  APPLICANT: Rubenfield, Marc J.
;  APPLICANT:  Nolling, Jork
;  APPLICANT:  Deloughery, Craig
;  APPLICANT:  Bush, David
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
;  TITLE OF INVENTION:  AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: PATH03-04
;  CURRENT APPLICATION NUMBER: US/10/366,683
;  CURRENT FILING DATE:  2003-02-13
;  PRIOR APPLICATION NUMBER: 09/252,991
;  PRIOR FILING DATE: 1999-02-18
;  NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 30198
;   LENGTH: 1239
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-10-366-683-30198

  Query Match             70.4%;  Score 38;  DB 6;  Length 1239;
  Best Local Similarity   66.7%;  Pred. No. 1.1e+03;
  Matches    8;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 RVVRVVRRVVRR 12
              ||||:|||   |
Db        470 RVVRIVRRAEHR 481


RESULT 6
US-10-419-128-30198
; Sequence 30198, Application US/10419128
; GENERAL INFORMATION:
;  APPLICANT: Marc J. Rubenfield et al.
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
;  TITLE OF INVENTION:  AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: 107196.136
;  CURRENT APPLICATION NUMBER: US/10/419,128
;  CURRENT FILING DATE:  2003-04-21
;  PRIOR APPLICATION NUMBER: US/09/252,991
;  PRIOR FILING DATE: 1999-02-18
;  PRIOR APPLICATION NUMBER: US 60/074,788
;  PRIOR FILING DATE: 1998-02-18
;  PRIOR APPLICATION NUMBER: US 60/094,190
;  PRIOR FILING DATE: 1998-07-27
;  NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 30198
;   LENGTH: 1239
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-10-419-128-30198

  Query Match             70.4%;  Score 38;  DB 6;  Length 1239;
  Best Local Similarity   66.7%;  Pred. No. 1.1e+03;
  Matches    8;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 RVVRVVRRVVRR 12
              ||||:|||   |
Db        470 RVVRIVRRAEHR 481


RESULT 7
US-10-431-652-8235
; Sequence 8235, Application US/10431652
; GENERAL INFORMATION:
;  APPLICANT: Breton, Gary L.
;  APPLICANT:  Bush, David
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
;  TITLE OF INVENTION:  BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
```

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;  FILE REFERENCE: PATH03-08
;  CURRENT APPLICATION NUMBER: US/10/431,652
;  CURRENT FILING DATE:  2003-05-06
;  PRIOR APPLICATION NUMBER: US 09/328,352
;  PRIOR FILING DATE: 1999-06-04
;  PRIOR APPLICATION NUMBER: US 60/088,701
;  PRIOR FILING DATE: 1998-06-09
;  NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 8235
;   LENGTH: 62
;   TYPE: PRT
;   ORGANISM: Acinetobacter baumannii
US-10-431-652-8235

  Query Match            68.5%;  Score 37;  DB 6;  Length 62;
  Best Local Similarity  54.5%;  Pred. No. 67;
  Matches    6;  Conservative    4;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 RVVRVVRRVVR 11
              |:||:| |::|
Db         18 RIVRIVMRILR 28


RESULT 8
US-09-675-784A-8983
; Sequence 8983, Application US/09675784A
; GENERAL INFORMATION:
;  APPLICANT: HARE, ROBERTA S.
;  APPLICANT:  SHAW, KAREN J.
;  APPLICANT:  SHIMER JR., GEORGE H.
;  APPLICANT:  KESSLER, MARCO
;  APPLICANT:  NOLLING, JORK
;  APPLICANT:  ZENG, QIANDONG
;  APPLICANT:  GREENE, JONATHAN R.
;  TITLE OF INVENTION: ASPERGILLUS FUMIGATUS NUCLEIC ACIDS AND POLYPEPTIDES,
;  TITLE OF INVENTION:  AND USES THEREFOR
;  FILE REFERENCE: 2976-4020US1
;  CURRENT APPLICATION NUMBER: US/09/675,784A
;  CURRENT FILING DATE:  2000-09-29
;  PRIOR APPLICATION NUMBER: 60/156,338
;  PRIOR FILING DATE: 1999-09-29
;  NUMBER OF SEQ ID NOS: 13925
; SEQ ID NO 8983
;   LENGTH: 150
;   TYPE: PRT
;   ORGANISM: Aspergillus fumigatus
US-09-675-784A-8983

  Query Match            68.5%;  Score 37;  DB 5;  Length 150;
  Best Local Similarity  63.6%;  Pred. No. 1.7e+02;
  Matches    7;  Conservative    3;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 RVVRVVRRVVR 11
              |: ||||::||
Db          7 RIARVVRQMVR 17


RESULT 9
US-10-425-114-38341
; Sequence 38341, Application US/10425114
; GENERAL INFORMATION:
;  APPLICANT: Liu, Jingdong
;  APPLICANT:  Zhou, Yihua
;  APPLICANT:  Kovalic, David K.
;  APPLICANT:  Screen, Steven E
;  APPLICANT:  Tabaska, Jack E
;  APPLICANT:  Cao, Yongwei
;  TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
;  TITLE OF INVENTION:  Plants and Uses Thereof for Plant Improvement
;  FILE REFERENCE: 38-21(53313)B
;  CURRENT APPLICATION NUMBER: US/10/425,114
;  CURRENT FILING DATE:  2003-04-28
;  NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 38341
;   LENGTH: 151
;   TYPE: PRT
;   ORGANISM: Zea mays
;   FEATURE:
;   OTHER INFORMATION: Clone ID: LIB83-001-F8_FLI.pep
US-10-425-114-38341

  Query Match            68.5%;  Score 37;  DB 6;  Length 151;
  Best Local Similarity  80.0%;  Pred. No. 1.7e+02;
  Matches    8;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 VVRVVRRVVR 11
              :||| |||||
Db         77 LVRVARRVVR 86


RESULT 10
US-10-216-209-16
; Sequence 16, Application US/10216209
; GENERAL INFORMATION:
;  APPLICANT: Lam, Jospeh S.
;  APPLICANT:  Burrows, Lori
;  APPLICANT:  Charter, Deborah
;  APPLICANT:  De Kievit, Teresa De
;  TITLE OF INVENTION: Novel Proteins Involved in the Synthesis and Assembly
;  TITLE OF INVENTION:  of O-Antigen in Pseudomonas Aeruginosa
;  FILE REFERENCE: 6580-167
;  CURRENT APPLICATION NUMBER: US/10/216,209
;  CURRENT FILING DATE:  2002-08-12
;  PRIOR APPLICATION NUMBER: US/09/352,994
;  PRIOR FILING DATE: 2001-05-29
;  PRIOR APPLICATION NUMBER: US 08/846,762
;  PRIOR FILING DATE: 1997-04-30
;  NUMBER OF SEQ ID NOS: 100
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
;   LENGTH: 320
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-10-216-209-16

  Query Match            68.5%;  Score 37;  DB 6;  Length 320;
  Best Local Similarity  72.7%;  Pred. No. 3.9e+02;
  Matches    8;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 VVRVVRRVVRR 12
              |: |||||| |
Db         28 VIAVVRRVVER 38


RESULT 11
US-10-366-683-28729
; Sequence 28729, Application US/10366683
; GENERAL INFORMATION:
;  APPLICANT: Rubenfield, Marc J.
;  APPLICANT:  Nolling, Jork
;  APPLICANT:  Deloughery, Craig
;  APPLICANT:  Bush, David
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
;  TITLE OF INVENTION:  AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: PATH03-04
;  CURRENT APPLICATION NUMBER: US/10/366,683
;  CURRENT FILING DATE:  2003-02-13
;  PRIOR APPLICATION NUMBER: 09/252,991
;  PRIOR FILING DATE: 1999-02-18
;  NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 28729
;   LENGTH: 324
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-10-366-683-28729
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Query Match 68.5%; Score 37; DB 6; Length 324;
Best Local Similarity 72.7%; Pred. No. 3.9e+02;
Matches 8; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

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Qy          2 VVRVVRRVVRR 12
              |: |||||| |
Db         32 VIAVVRRVVER 42
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RESULT 12
US-10-419-128-28729
; Sequence 28729, Application US/10419128
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/10/419,128
; CURRENT FILING DATE: 2003-04-21
; PRIOR APPLICATION NUMBER: US/09/252,991
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 28729
; LENGTH: 324
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-10-419-128-28729

Query Match 68.5%; Score 37; DB 6; Length 324;
Best Local Similarity 72.7%; Pred. No. 3.9e+02;
Matches 8; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

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Qy          2 VVRVVRRVVRR 12
              |: |||||| |
Db         32 VIAVVRRVVER 42
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RESULT 13
US-10-369-493-8361
; Sequence 8361, Application US/10369493
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 8361
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Thermobifida fusca
US-10-369-493-8361

Query Match 68.5%; Score 37; DB 6; Length 386;
Best Local Similarity 63.6%; Pred. No. 4.7e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

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Qy          2 VVRVVRRVVRR 12
              ||||:| ::||
Db         30 VVRVIRELLRR 40
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RESULT 14
US-10-282-122A-61729
; Sequence 61729, Application US/10282122A
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61729
; LENGTH: 451
; TYPE: PRT
; ORGANISM: Mycobacterium avium
US-10-282-122A-61729

Query Match 68.5%; Score 37; DB 6; Length 451;
Best Local Similarity 63.6%; Pred. No. 5.6e+02;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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Qy          1 RVVRVVRRVVR 11
              ||:|:|||  |
Db        178 RVIRLVRRAAR 188
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RESULT 15
US-10-156-761-8977
; Sequence 8977, Application US/10156761
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATTORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/156,761
; CURRENT FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 8977
; LENGTH: 103
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-8977

Query Match 66.7%; Score 36; DB 6; Length 103;
Best Local Similarity 72.7%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

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              || |:|| |||
Db         29 VVTVLRRTVRR 39
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Search completed: June 9, 2003, 13:13:50
Job time : 12.1277 secs